

20010601.qrp v02\_n207.qrl.20010601

Date: Fri, 1 Jun 2001 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2207

QRP-L Digest 2207

Topics covered in this issue include:

- 1) [99210] Rochester NY weather  
by n2go@arrl.net
- 2) [99211] Another 6m clue to openings  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 3) [99212] Source for copper foil tape?  
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 4) [99213] Re: Another 6m clue to openings  
by Jim Lowman <jmlowman@ix.netcom.com>
- 5) [99214] SW near the ocean  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [99215] [CONTEST] QRP Contest Calendar - June 2001  
by Ken Newman <N2CQ@citnet.com>
- 7) [99216] K1 #628 is ON the AIR!  
by Dave Redfearn <n4elm@home.com>
- 8) [99217] K1 #593  
by "John J. McDonough" <wb8rcr@arrl.net>
- 9) [99218] Re: [99206] Re: HF and the elevation advantage  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 10) [99219] Re: Source for copper foil tape?  
by Brendan Minish <EI6IZ@oceanfree.net>
- 11) [99220] RE: [99206] Re: HF and the elevation advantage  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 12) [99221] Re: Source for copper foil tape?  
by William R Colbert <w5xe@juno.com>
- 13) [99222] Re: HF and the elevation advantage  
by William R Colbert <w5xe@juno.com>
- 14) [99223] Re: Source for copper foil tape?  
by Stephen Hawkins <grayline@mindspring.com>
- 15) [99224] TT2 QSL cards for FDIM 2001  
by Shepherd@aol.com
- 16) [99225] Contest: QRPDUPE and Proper Cabrillo Editing  
by Brian Kassel <bkassel@dancris.com>
- 17) [99226] 17m is HOT! 0345z  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 18) [99227] HP 660 LX pocket pc question  
by "Wayne Glover WE7G" <wayneg@inovion.com>
- 19) [99228] QTH.NET a good ISP?

- by Don K00GMF <donkc0gmf@juno.com>
- 20) [99229] Re: K1 Tuning Modification  
by John AL70K <AL70K@arrl.net>
- 21) [99230] Manhattan Pad Capacitance  
by "Dennis Payton" <dpayton@fwi.com>
- 22) [99231] M-1 Antenna  
by Joseph Mikuckis <k3chp@erols.com>
- 23) [99232] Re: M-1 Antenna  
by K4IA@aol.com
- 24) [99233] TAC Contest on Saturday  
by "Ron Polityka" <wb3aal@fast.net>
- 25) [99234] Re: QTH.NET a good ISP?  
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [99235] RFC 6m Antennas  
by "Rod Cercone" <n0rc@hotmail.com>
- 27) [99236] FS: K1 kit  
by K8ff@aol.com
- 28) [99237] WellerWTCPT available at Radio Shack  
by "Rod Cercone" <n0rc@hotmail.com>
- 29) [99238] RS sale items  
by "Rod Cercone" <n0rc@hotmail.com>
- 30) [99239] Re: RFC 6m Antennas  
by Bruce Muscolino <w6toy@erols.com>
- 31) [99240] Re: RFC 6m Antennas  
by Paul Womble <pwomble1@tampabay.rr.com>
- 32) [99241] RE: QTH.NET a good ISP?  
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 33) [99242] RE: RFC 6m Antennas  
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 34) [99243] Flying Pigs newsletter for June  
by Shepherd@aol.com
- 35) [99244] MH101: First Rcvr and Xmit Mixer added  
by John Wagner <john@neknetwork.com>
- 36) [99245] Six meters, 10m & 12m openings last night  
by Nils R Young <nilsbull@juno.com>
- 37) [99246] Re: RFC 6m Antennas  
by Bruce Muscolino <w6toy@erols.com>
- 38) [99247] 6M is Alive!  
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 39) [99248] FT-817 on 6M...  
by "Paul R. Valko" <prvalko@oakland.edu>
- 40) [99249] Re: RFC 6m Antennas (in attics)  
by David Gauding <david.gauding@bbs.galilei.com>
- 41) [99250] Re: RFC 6m Antennas  
by George Franklin <w0av@juno.com>
- 42) [99251] CQC Aloha Field Day Site - Up in the air!  
by "AB0CD" <ab0cd@uswest.net>
- 43) [99252] TS570 SOLD

by "AB0CD" <ab0cd@uswest.net>  
44) [99253] WTCPT vs WES50  
by "Brad Hernlem" <alihernlem@hotmail.com>  
45) [99254] RE: WTCPT vs WES50  
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>  
46) [99255] 6 Meter CW & Beacons  
by "Chuck Carpenter" <w5usj@globeco.net>  
47) [99256] Re: WTCPT vs WES50  
by "Mike Yetsko" <myetsko@insydesw.com>  
48) [99257] RE: WTCPT vs WES50  
by "Brad Hernlem" <alihernlem@hotmail.com>  
49) [99258] Re: WTCPT vs WES50  
by "Bruce Kizerian" <kizerian@ced.utah.edu>  
50) [99259] Re: WTCPT vs WES50  
by "Rod Cerkoney" <n0rc@hotmail.com>  
51) [99260] NorCal Meeting Question  
by "Phinizy, William" <wphinizy@filenet.com>  
52) [99261] LAT/LON web Site.  
by "Phinizy, William" <wphinizy@filenet.com>  
53) [99262] Re:FS:K1  
by K8ff@aol.com  
54) [99263] Re: LAT/LON web Site.  
by Brian Mileschosky <n5zgt@swcp.com>  
55) [99264] Re: LAT/LON web Site.  
by "Bill Jones" <kd7s@psnw.com>  
56) [99265] FS: T Kit 1330  
by David Heintzleman <pstrdave@kdsi.net>  
57) [99266] Re: LAT/LON web Site.  
by "Paul Christensen" <paulc@mediaone.net>  
58) [99267] FS - THP HT-750 and Yaesu FT-470  
by Radioham <radioham@home.com>  
59) [99268] Re: WTCPT vs WES50  
by Arthur G Silvers <ags@ieee.org>  
60) [99269] Contest: QRPDUPE New Version Released  
by Brian Kassel <bkassel@dancris.com>  
61) [99270] OT Re: QTH.NET a good ISP?  
by "K3NG" <k3ng@fast.net>  
62) [99271] Re: WTCPT vs WES50  
by Andrew Madsen <andrew@utahdesign.com>  
63) [99272] Re: WTCPT vs WES50  
by <brownh@hartford-hwp.com>

---

Date: Thu, 31 May 2001 14:17:17 -0400 (EDT)  
From: n2go@arrl.net  
To: qrp-l@Lehigh.EDU  
Subject: [99210] Rochester NY weather

Message-ID: <Pine.LNX.4.21.0105311410490.562-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Depending on the source of info the weather this Saturday at the Hamfest could be great or very bad.

National weather service forecast -Mostly Sunny then clouding up by mid afternoon.A chance of showers late.

Weather.com - 90% chance of precipitation(day) T-Storms, Scattered T-storms (night)

I kinda like the first forecast....hmmmm  
8:00 AM sounds just about right.

73,

Jim n2go

-----  
Date: Thu, 31 May 2001 18:26:11 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <k3chp@erols.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [99211] Another 6m clue to openings  
Message-ID: <004901c0ea29\$13c85a30\$4e100a0a@rohredt2000>

The use of a spare TV tuned to Ch 2 with sound turned down, and a decent antenna connected outside to it, will show when six meters is opening, because the Ch 2 stations from out of your area will be showing up on this TV monitor. That is, if you do not have a local Ch 2 station on the air. A lot of modern radios also have squelch that can be set to trip on the first signals showing up on 6. But, if the same rig is your HF rig, that does present a problem.

Did anyone taken the plunge at Dayton for the new Ten Tec 6 and 2 rig? Can it be run QRP?

72,  
Stuart K5KVH

-----  
Date: Thu, 31 May 2001 19:41:04 -0400  
From: "Paul Gerhardt" <pgerhardt@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [99212] Source for copper foil tape?  
Message-ID: <F212L0yDc41W2ufyW0x000139ee@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I am interested in some copper foil tape. Something like the aluminum foil tape that is used in A/C work or for grounds for verticals on fiberglass camper tops etc. I would like to be able to find a few square inches or short roll so I could make some switch contacts - wires need to be soldered to the foil tape so sluminum will not work well. Any ideas or sources? Anybody have a small quantity to sell? A few square inches would be enough for me to try out the idea.

73, Paul K3PG

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Thu, 31 May 2001 16:41:29 -0700  
From: Jim Lowman <jmlowman@ix.netcom.com>  
To: rohre@arlut.utexas.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [99213] Re: Another 6m clue to openings  
Message-ID: <3B16D6A9.9E70B173@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Stuart Rohre wrote:

> Did anyone taken the plunge at Dayton for the new Ten Tec 6 and 2 rig? Can  
> it be run QRP?

Not at Dayton (I'll get there someday) but I ordered one last week. Stan said that it should ship tomorrow.

To quote the specs on the T-T website:

"RF OUTPUT: 1-20 watts, ALC stabilized"

72 de Jim - AD6CW

-----  
Date: Thu, 31 May 2001 19:00:09 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <schoon@amgt.com>  
Cc: <qrp-l@Lehigh.EDU>  
Subject: [99214] SW near the ocean  
Message-ID: <006d01c0ea2d\$d2acc5e0\$4e100a0a@rohredt2000>

Antennas on the beach are enhanced (when you are use verticals), by the nearby salt water take off. See the Force 12 Antenna site for info on this and the Jamaican contest operations of the Force 12 DX teams. Elevation on a hill does help, if you do not have an ocean nearby.

Then there was W6AM, Don Wallace, who eventually had rhombics on a mesa OVER the ocean , and worked the world as a big gun for years, from early days of ham radio. The best of locations.

72,  
Stuart K5KVH

-----  
Date: Thu, 31 May 2001 19:58:19 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org, n9avg@amsat.org  
Subject: [99215] [CONTEST] QRP Contest Calendar - June 2001  
Message-ID: <3.0.6.32.20010531195819.008b0790@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

June 2001

~~~~~  
IARU Region 1 Fieldday (CW) ... QRP Category

Jun 2 - 1500z to Jun 3 - 1500z

Rules: <http://home.sol.no/~janalme/rules/iaru1fd.txt>

"Warm up for US/Canada Field Day?"

~~~~~  
W W South American Contest (CW) ... QRP Category

Jun 2 - 0000z to Jun 3 - 1600z

Rules: <http://home.online.no/~janalme/rules/samerica.txt>

"Work anyone. Prefix multipliers"

~~~~~  
QRP TACTical Contest (CW) ... QRP Contest!

Jun 2 - 1800z to 2400z

Rules: <http://www.n3epa.org/Pages/TAC-Contest.htm>

"Telephone Area Code (TAC) Multipliers"

~~~~~  
Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jun 5 - 0100z to 0300z (Monday evening US/Canada)

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

"Testing of lightweight radio gear suitable for outdoor QRP expeditions"

~~~~~  
Portugal Day Contest (SSB)

Jun 9 - 0000z to 2400z

Rules: <http://www.sk3bg.se/contest/portday.htm>

"Work Anyone"

~~~~~  
ANARTS WW RTTY/Digital Contest

Jun 9 - 0000z to Jun 10 -2400z

Rules: <http://home.online.no/~jana1me/rules/anarts.txt>

"Australian Test. Work anyone, any digital mode"

~~~~~  
Asia-Pacific Sprint (SSB)

Jun 9 - 1100z to 1300z

Rules: <http://jsfc.org/apsprint/>

"Great DX looking for you"

~~~~~  
Top Of Europe Contesters - WW Grid Contest (SSB)

Jun 9 - 1200z to Jun10 - 1200z

Rules: <http://www.qsl.net/toec/contest.htm>

"Boost interest on Grid Square locations on HF"

~~~~~  
All Asian DX Contest (CW)

Jun 16 - 0000z to Jun 17 - 2400z

Rules: <http://home.online.no/~jana1me/rules/allasia.txt>

"Asian DX stations a bunch"

~~~~~  
West Virginia QSO Party (SSB/CW)

Jun 17 - 1800z to 2400z

Rules: <http://home.online.no/~jana1me/htmlrules/qsowv.html>

"Need WVA?"

~~~~~  
SP QRP Contest (CW) ... QRP Contest!



Jun 23 - 1200z to Jun 24 - 1200z

Rules: <http://home.online.no/~janalme/rules/spqrp.txt>

~~~~~  
Marconi Memorial Contest (CW) ... QRP Category

Jun 23 - 1400z to Jun 24 1400z

Rules: <http://www.qsl.net/ik6ptj/marconi.htm>

"Marconi Memorial"

~~~~~  
ARRL Field Day (CW/SSB/RTTY)... QRP Category

Jun 23 - 1800z to Jun 24 - 2100z

Rules: <http://www.arrl.org/contests/announcements/rules-fd.html>

"Everybody will be here"

~~~~~  
QRP ARCI Milliwatt Field Day (ALL)... QRP Contest!

Jun 23 - 1800z to Jun 24 - 2100z

Rules: <http://personal.palouse.net/rfoltz/arci/mwfd.htm>

"Enter your QRP FD group here"

~~~~~  
Thanks to K3WWP, LA9HW, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ  
N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

72 de

Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==  
<http://www.njqrp.org/data/contesting.html>

-----  
Date: Thu, 31 May 2001 19:08:28 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [99216] K1 #628 is ON the AIR!  
Message-ID: <3B16DCFC.EAD284E3@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Elecraft K1 #628 is on the air!

Just finished QSOs on 40 and 20 Meters with a K1 that I built for a friend (and you know who you are). This one has 40 and 20 Meters, the KAT1 tuner, the noise blanker, and the tilt stand. The radio works well and the tuner is pretty neat, tunes my dipole or vertical ground plane just fine. I also added a couple of mods from the Elecraft list which seem to work well.

As soon as Elecraft sends out the left side panel (the kit had two right side panels - easy to fix), this radio will be ready to go to its new owner.

Not to worry, I have my own K1, #621 that I picked up from Richard at the NETXQRP club meeting a couple of weeks ago. It now sports a 20/17 Meter band module with a 40/30 one still to be built. It is no longer totally stock either, the thump suppression and AGC mods seem to work well.

Quite a bit of fun for a reasonably simple rig and it works well also. I worked up several new countries using #621, while #628 was under construction.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----

Date: Thu, 31 May 2001 20:27:52 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [99217] K1 #593  
Message-ID: <054001c0ea31\$b9e58de0\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

hmmmm ... 20 must be in pretty fair shape tonight.

My K1 suffered a fatal blow while traveling, and the brown truck arrived today with a new 10 turn pot. I thought I would do the linearity mod while I was at it, but first, I would check the linearity without the mod.

While writing the frequencies down at each turn, I noticed a birdie in a spot I hadn't recalled one before. On turning back to the frequency, it turns out to be W1AW, in the basement, with no antenna. Seems like earlier in the week AW was barely audible above the noise even with an antenna.

What happened was that the tuning knob evidently got pressed against something hard enough to break the pot in half. I hadn't cut down the shaft as some have done so it may have been a little more vulnerable than some.

I ordered the one with the metal shaft. There is a little less play than the plastic shaft, but it doesn't really feel any different. Also, it makes trimming the shaft a bunch harder (I won't do it, I'll just pack it better!)

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----

Date: Thu, 31 May 2001 20:31:07 -0400 (EDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: lhlousek@nvhbell.net

Cc: qrp-1@Lehigh.EDU  
Subject: [99218] Re: [99206] Re: HF and the elevation advantage  
Message-ID: <200106010031.UAA11961@panix2.panix.com>

Date: Thu, 31 May 2001 14:03:07 -0700  
From: Louis Hlousek <lhhousek@nvhbell.net>

I will risk starting a conflagration by saying that verticals (included the inverted Y) do poorly over normal ground because the vertically polarized E field gets absorbed by the ground in both the near and far field. When used over the salt water however they excel. Over normal earth, horizontal polarization (dipoles, etc.) rules.

This isn't an issue about which there should be flames.  
N6BV, K2KW, NI6T and N6BT all seem to be believers in the results stated above.

73, doug

-----  
Date: Fri, 01 Jun 2001 02:07:22 +0100  
From: Brendan Minish <EI6IZ@oceanfree.net>  
To: pgerhardt@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [99219] Re: Source for copper foil tape?  
Message-ID: <5.1.0.14.2.20010601020500.0482adc8@mail.oceanfree.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 19:41 31/05/2001 -0400, Paul Gerhardt wrote:  
>I am interested in some copper foil tape.

Find a local Stained Glass artist, they use it all the time so that they can solder the lead around pieces of glass. it comes on rolls of varying width and usually has a sticky backing.

--  
Brendan Minish EI6IZ  
ei6iz@oceanfree.net  
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

-----  
Date: Thu, 31 May 2001 21:06:34 -0400

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'faunt@panix.com'" <faunt@panix.com>, Low Power Amateur Radio Discussion  
<qrp-1@Lehigh.EDU>  
Subject: [99220] RE: [99206] Re: HF and the elevation advantage  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B2F84@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The proof can be seen at:

<http://www.arrl.org/~ehare/temp/forcarter.jpg>

This compares a vertical with 4 radials over average ground to a horizontal dipole at 30 feet on 7 MHz.

The low-angle performance of the vertical is dependent on the ground reflection that takes place from the ray from the antenna at a corresponding downward angle. This reflection point can be as much as 100 wavelengths away, so, even with an excellent radial system, a vertical antenna can be a poor DX antenna if over a general area of poor ground.

Note that for the angles most of us use on 40 meters, the dipole wins.

To see the dipole at different heights, see:

<http://www.arrl.org/~ehare/temp/forcarterdifferentheights.jpg>

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Doug Faunt N6TQS +1-510-655-8604 [mailto:faunt@panix.com]

> Sent: Thursday, May 31, 2001 8:31 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: [99206] Re: HF and the elevation advantage

>

>

> Date: Thu, 31 May 2001 14:03:07 -0700

> From: Louis Hlousek <lhhousek@nvhbell.net>

>  
> I will risk starting a conflagration by saying that  
> verticals (included  
> the inverted Y) do poorly over normal ground because the vertically  
> polarized E field gets absorbed by the ground in both the  
> near and far  
> field. When used over the salt water however they excel.  
> Over normal  
> earth, horizontal polarization (dipoles, etc.) rules.  
>  
> This isn't an issue about which there should be flames.  
> N6BV, K2KW, NI6T and N6BT all seem to be believers in the results  
> stated above.  
>  
> 73, doug  
>

-----  
Date: Thu, 31 May 2001 19:35:21 -0600  
From: William R Colbert <w5xe@juno.com>  
To: pgerhardt@hotmail.com, qrp-1@lehigh.edu  
Subject: [99221] Re: Source for copper foil tape?  
Message-ID: <20010531.193522.-452441.0.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Try a hobby shop or arts and crafts shop that has supplies  
for making stained glass items. My former neighbor used  
to get it in 1/8, 1/4, 3/8 and I think 1/2 inch widths. 1/4 and 3/8  
are probably the best. I had a roll and have in the past made  
it work as a small loop on a large window - and as an endfed  
type antenna. And it can be painted over as long as the paint  
is not lead or graphite based.

gl  
73  
Ray

"The more I see of the representatives of the people,  
the more I admire my dogs." letter from Count d'Orsay  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2  
FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 31 May 2001 19:42:22 -0600  
From: William R Colbert <w5xe@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [99222] Re: HF and the elevation advantage  
Message-ID: <20010531.194223.-452441.1.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Actually, quite a few of the systems in the past 15-20 years do have an accessory transmitter. It is computer controlled and sweeps the specified frequency range, and is fed usually to a omni-directional antenna for specific ionospheric information for usage in a single site locator system. I am sure all of us have heard the little sweeping sounds that start at one end of the band, seemingly, and goes to the other - and if one were to track it, it would go for several Mhz. Sometimes, one can hear several different sweepers - from several different sites in widely spaced areas. The transmitters are from 5 watts to a maximum of about 20 watts and enhance the accuracy of the sites several fold.

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2  
FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 31 May 2001 19:35:32 -0700  
From: Stephen Hawkins <grayline@mindspring.com>  
To: qrp-1@Lehigh.EDU  
Subject: [99223] Re: Source for copper foil tape?  
Message-ID: <4.2.2.20010531193226.00a6c2a0@mail.mindspring.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Paul,

Years ago I worked at a Ham Radio store and we sold copper foil to folks putting Ham Radios on fiberglass yachts. I suspect that a good marine store would have it for the same reason. This was not tape, but two or three inch wide very flexible copper stripes about 20 feet long.

Steve WV6U

At 02:07 AM 6/1/01 +0100, you wrote:

>At 19:41 31/05/2001 -0400, Paul Gerhardt wrote:

>>I am interested in some copper foil tape.

>

>Find a local Stained Glass artist, they use it all the time so that they  
>can solder the lead around pieces of glass. it comes on rolls of varying  
>width and usually has a sticky backing.

>

>

>--

> Brendan Minish EI6IZ

> ei6iz@oceanfree.net

>PGP key available from key servers [www.keys.pgp.net](http://www.keys.pgp.net)

Stephen Hawkins WV6U  
grayline@mindspring.com  
73 49 111 0100 1001

-----  
Date: Thu, 31 May 2001 22:40:14 EDT  
From: Shephed@aol.com  
To: qrp-l@lehigh.edu  
Subject: [99224] TT2 QSL cards for FDIM 2001  
Message-ID: <39.1598aaf7.28485a8e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hey gang, I made a QSL card for the lucky ones who worked the Flying Pigs running the Tuna Tin 2 at FDIM this year.  
<http://www.fpqrp.com/fdim2001/tt2fdim01.jpg>

If your one of the lucky ones your card will be on it's way soon!



72, 73, oo's  
Dan, N8IE Kettering, Oh  
"God speed Dale, rest in peace"

-----  
Date: Thu, 31 May 2001 20:25:22 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [99225] Contest: QRPDUPE and Proper Cabrillo Editing  
Message-ID: <3B170B22.A45DDC0A@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRPDUPE Users:

If you used QRPDUPE for the recent WPX contest, be sure that you edit the Cabrillo header properly. Here is a note from Steve N8BJQ, the WPX contest director:

"A couple of minor things in your CABRILLO header.

Single Operator should be SINGLE-OP and All band should be ALL

The contest name is CQ-WPX-CW

See the info on the WPX web page about Cabrillo.

I've made the changes in your log - no need to resend."

The QRPDUPE program doesn't deal with the header, so you will need to add the above information yourself, as each entry may be different, with different classes etc.

Brian K7RE

-----  
Date: Thu, 31 May 2001 21:45:43 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>  
Subject: [99226] 17m is HOT! 0345z  
Message-ID: <0E22ix4A2DreBBsQwY60000547f@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Just worked ZL2TX @ 18085  
EU6DX is up the band at 18070

And there more to be heard! Happy DXing

73, Rod N0RC  
Ft Collins, CO

\*\*\*\*\*  
SuperFest 2001 14-Jul-2001  
<http://www.qsl.net/n0rc/hamfest/hamfest.html>  
BE THERE!  
\*\*\*\*\*

-----  
Date: Fri, 1 Jun 2001 04:18:27 -0600  
From: "Wayne Glover WE7G" <wayneg@inovion.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [99227] HP 660 LX pocket pc question  
Message-ID: <000501c0ea84\$38d771c0\$fa3cbbd0@dmrodco>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang - anybody have advice about the usability of this machine for amateur operation? It runs Windows CE and it comes a great price [free]. Can it be used for things like psk31 and contest logging software like ct etc? I'm not sure if it has a serial port or not. If someone with more computer savvy would advise I'd certainly appreciate it. Thanks Wayne

-----  
Date: Thu, 31 May 2001 23:51:50 -0500  
From: Don KC0GMF <donkc0gmf@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [99228] QTH.NET a good ISP?  
Message-ID: <20010531.235150.-231197.0.DonKC0GMF@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Because I wish to leave Juno I have been attracted to QTH.NET . Can

anyone with experience tell me how they like QTH.NET ? How is it for e-mail, what about for surfing the web? Not only am I looking for a new ISP, but I would like to be more supportive of QTH.NET because of all the good he does for ham radio.

Don KCOGMF  
"CW, the Boot Camp of Amateur Radio"  
DonKCOGMF@juno.com

-----  
Date: Thu, 31 May 2001 20:54:23 -0800  
From: John AL70K <AL70K@arrl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [99229] Re: K1 Tuning Modification  
Message-ID: <3B171FFD.FDF90402@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have completed the tuning modification on my K1 and am very happy with the modification. The table below shows the results of the additional resistor and also a change in C2 to allow 100+ khz tuning range:

#### Before Modification

Turns	Freq	Delta F
0.0	1.7	5.2
0.5	6.9	6.2
1.0	13.1	6.0
1.5	19.1	6.4
2.0	25.5	6.2
2.5	31.7	6.9
3.0	38.6	6.4
3.5	45.0	6.3
4.0	51.3	6.0
4.5	57.3	5.4
5.0	62.7	4.6
5.5	67.3	4.0
6.0	71.3	3.4
6.5	74.7	2.8
7.0	77.5	2.7
7.5	80.2	2.5
8.0	82.7	2.3
8.5	85.0	2.2
9.0	87.2	2.2
9.5	89.4	2.4
10.0	91.8	

After Adding 100 K resistor from Wiper to + on pot.

Turns	Freq	Delta F
0.0	1.300	5.3
0.5	6.600	5.0
1.0	11.600	5.5
1.5	17.100	4.8
2.0	21.900	4.8
2.5	26.700	4.8
3.0	31.500	4.8
3.5	36.300	5.0
4.0	41.300	4.8
4.5	46.100	4.9
5.0	51.000	5.1
5.5	56.100	4.6
6.0	60.700	4.8
6.5	65.500	3.9
7.0	69.400	3.8
7.5	73.200	3.7
8.0	76.900	3.5
8.5	80.400	3.2
9.0	83.600	4.1
9.5	87.700	4.0
10.0	91.700	

After Adding 100 K resistor from Wiper to + on pot, 15 pf to C2 and readjustment of L.

Turns	Freq	Delta F
0.0	-4.8	6.1
0.5	1.3	6.4
1.0	7.7	6.4
1.5	14.100	5.0
2.0	19.100	6.0
2.5	25.100	6.4
3.0	31.500	6.0
3.5	37.500	6.4
4.0	43.900	6.3
4.5	50.200	6.1
5.0	56.300	6.3
5.5	62.600	6.4
6.0	69.000	5.6
6.5	74.600	5.6
7.0	80.200	5.3
7.5	85.500	4.9
8.0	90.400	4.7
8.5	95.100	4.0

9.0 99.100 5.7  
9.5 104.800 6.0  
10.0 110.800

My results allow me to get to the 20 meter beacons, something much  
needed up here in Alaska with it's on/off propagation.

-----  
Date: Fri, 1 Jun 2001 00:20:34 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [99230] Manhattan Pad Capacitance  
Message-ID: <003b01c0ea5a\$96ec5200\$a7a854d1@locke>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Recently, a friend was wondering about the capacitance of Manhattan pads and  
mentioned accurately measuring them. I figured I could get a pretty accurate  
measurement, so did a little experiment.

I fastened a short wire to each side of a 10" x 2" piece of 1/16" double  
sided board material, then connected my meter and measured its capacitance.  
Since the pads I've punched out are 5/32" & 3/16", I calculated their area,  
then compared their area to the board material's to calculate their  
capacitance. I calculated the 5/32" to be .328951925 pf and the 3/16" to be  
.473690773 pf.

To check my calculations, I punched fifty 5/32" pads out of the board  
material, remeasured its capacitance, and calculated how much its  
capacitance reduced per pad punched out. Then I repeated it, punching out  
fifty 3/16" pads. The 5/32" pads were calculated to be .346 pf and the 3/16"  
pads .44 pf.

The two methods didn't compare as closely as I hoped but I see that punching  
out only fifty pads of each didn't allow me to make a close measurement.  
Anyway, I learned that the 5/32" pads are about 1/3 pf and the 3/16" pads  
are about 1/2 pf and that's good enough to satisfy my curiosity.

Denny Payton, N9JXY  
Auburn, IN

-----

Date: Fri, 01 Jun 2001 07:07:54 -0400  
From: Joseph Mikuckis <k3chp@erols.com>  
To: qrp-l@lehigh.edu  
Subject: [99231] M-1 Antenna  
Message-ID: <3B17778A.6FF5@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Who sells the M-1 antenna?

Joe, K3CHP  
Riverdale, MD USA

-----  
Date: Fri, 1 Jun 2001 07:34:00 EDT  
From: K4IA@aol.com  
To: k3chp@erols.com  
Cc: qrp-l@lehigh.edu  
Subject: [99232] Re: M-1 Antenna  
Message-ID: <f9.ac3b7b1.2848d7a8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I saw one in the HRO store in Woodbridge, Va. Didn't look like much. Just a coil and a whip. The whip slides up and down the coil manually.

Radio K4IA  
Craig Buck  
Fredericksburg, Virginia USA  
QRP ARCI #2550 FISTS #6702 CC 788  
K1 #470

-----  
For cheap long distance, 800#s and more  
Tune to <A HREF="http://www.ld.net/?bucksavers">http://www.ld.net/?bucksavers  
</A>  
4.9 cents/min - no monthly fees

-----  
Date: Fri, 1 Jun 2001 07:40:48 -0400  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>  
Subject: [99233] TAC Contest on Saturday

Message-ID: <004601c0ea8f\$b4a355c0\$390c5cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

## The Fourth Annual QRP TAC Sprint

Sponsored by The Eastern PA QRP Club  
Date = Saturday, June 2, 2001  
Time = 1800 to 2359 UTC  
MODE = CW only

Exchange = Call, RST, Name, State, and TAC (Telephone Area Code) or DX Area Code.

Pennsylvania stations will send an "X" after their Area Code, example 610x.

Categories = QRP - 1 watt to 5 watts of output.  
QRPP - Less than 1 watt output.  
Tactical - portable or temporary station using temporary antennas.  
Homebrew - you built a kit or from scratch.  
Newbie - this is the first contest you have ever entered.  
You may enter up to 4 possible combination of categories.

If you enter into the QRPP category, you will be competing for the QRPP plaque.

QSO Points = 5 points for every QSO.  
10 points for each QSO with a Pennsylvania station.  
500 points with each contact with N3EPA.

The same station may be worked on different bands for additional QSO points and multipliers.

Frequencies = HF bands 10, 15, 20, 40 & 80  
No WARC bands. Suggest that you stay \*around\* the standard QRP frequencies.

MULTIPLIER = TAC and DX TAC.

500 pts. X number of QSO's with N3EPA

SCORE = Total score = (QSO points X TACs) + N3EPA QSO'S + 1000 points for every category that you entered.

POWER = 5 watts or less output.  
AWARDS = Plaques for each winner in each category and Awards for 2nd and 3rd place.

Submit your log showing:

Band, Time UTC, Station, RST Sent & Received, Name, State or Country name and Telephone Area Codes.

DEADLINE FOR SUBMISSION IS 8 JULY 2001.

WINNERS ANNOUNCED BEFORE 31 JULY 2001.

72 & 73

Good DXing

Ron Polityka

n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv

<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call

N3EPA E-mail address: n3epa@fast.net

-----  
Date: Fri, 1 Jun 2001 05:52:38 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Don KC0GMF <donkc0gmf@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [99234] Re: QTH.NET a good ISP?

Message-ID: <Pine.LNX.4.33.0106010549580.3047-100000@cannac.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Don't you mean qsl.net? And your ISP must have a local telephone number to be usefull. Look in the phone book for your town and see who advertises internet service. Or choose a national one like MSN.

On Thu, 31 May 2001, Don KC0GMF wrote:

> Because I wish to leave Juno I have been attracted to QTH.NET . Can  
> anyone with experience tell me how they like QTH.NET ? How is it for  
> e-mail, what about for surfing the web? Not only am I looking for a new  
> ISP, but I would like to be more supportive of QTH.NET because of all the  
> good he does for ham radio.

>

> Don KC0GMF



> "CW, the Boot Camp of Amateur Radio"  
> DonKC0GMF@juno.com  
>

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 1 Jun 2001 06:06:54 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [99235] RFC 6m Antennas  
Message-ID: <0E6nPEfNfobWCYrdobk00008c8f@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Time for a "real" 6m antenna. I've been using my attic dipole feed through my Z11 and LDG balun, hardly an optimum situation but it does work! ;-)

Like my HF setup it must be in the attic, I put it in the garage attic to isolate it from the HF setup. By choices so far:

Dipole/Inv-V: cheap, simple but "ain't no beam"!

Loop/halo: I see some commercial product for 6, and a 2m plan on W4RNL site that I could scale to 6. I have never used an antenna like this. Not sure how effective it will be on 6, in an attic, abt 15ft above ground. Comments/advice?

Anything else I should consider?

For mobile, ops up in the mountains I'm thinking of a Moxon Square.

73, Rod N0RC  
Ft Collins, CO

\*\*\*\*\*  
SuperFest 2001 14-Jul-2001  
<http://www.qsl.net/n0rc/hamfest/hamfest.html>  
BE THERE!  
\*\*\*\*\*

-----  
Date: Fri, 1 Jun 2001 08:26:32 EDT  
From: K8ff@aol.com  
To: qrp-1@lehigh.edu  
Subject: [99236] FS: K1 kit  
Message-ID: <41.c277039.2848e3f8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang, I have an extra K1 kit available for sale. It is still in original box with no accessories and covers 20 and 40 meters. I will ship prepaid CONUS for \$265.00.

73, Wayne K8FF

-----  
Date: Fri, 1 Jun 2001 06:35:59 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>  
Subject: [99237] WellerWTCPT available at Radio Shack  
Message-ID: <0E74WuLn5U9T3TGJ2TU00009cb0@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

Got an RS flyer yesterday, the WTCPT is in there and is on sale, 89.95.

There has been discussion about the WTCPT's availability, It seem to be back, I ordered on and some tips.

GL

73, Rod N0RC  
Ft Collins, CO

\*\*\*\*\*  
SuperFest 2001 14-Jul-2001  
<http://www.qsl.net/n0rc/hamfest/hamfest.html>  
BE THERE!  
\*\*\*\*\*

-----  
Date: Fri, 1 Jun 2001 06:38:32 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>  
Subject: [99238] RS sale items  
Message-ID: <0E31gbLYluLCTaogxLD000009b87@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

The New RS flyer has Panavise and Dremel Tools & Accessories on sale. Also the WTCPT seems to be back, see other posting. Lots of other good tools available as well.

GL.

73, Rod N0RC  
Ft Collins, CO

\*\*\*\*\*  
SuperFest 2001 14-Jul-2001  
<http://www.qsl.net/n0rc/hamfest/hamfest.html>  
BE THERE!  
\*\*\*\*\*

-----  
Date: Fri, 01 Jun 2001 08:47:21 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: n0rc@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [99239] Re: RFC 6m Antennas  
Message-ID: <3B178ED9.62F84699@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod,

With all due respect to the antenna gurus on here. If you want a 6 meter beam, buy or build one and install it in your attic. There just ain't no

substitute for the directional qualities of a beam unless it's a quad. There are dozens of good designs, including antennas that can be scaled down. Several months ago there was an article in QST on building a 6 meter beam with PVC. An adequate antenna that would be very happy in your attic.

Loops and halos? I wouldn't. They mostly have no gain and are severely influenced by the proximity of other objects. The beam will also be influenced by attic insulation and things like large furnaces or water heaters, but you can tune out most of those effect if you're careful. Also, if you can arrange it, a 6 meter beam looks a lot like a TV antenna, maybe you could have an outside TV antenna!

73

-----  
Date: Fri, 01 Jun 2001 09:27:17 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [99240] Re: RFC 6m Antennas  
Message-ID: <3B179835.A015E5A9@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We have had several days of six meter openings the last week. Last night was probably the best conditions I have seen on the 'magic band'. Worked LOTS of stations running 5-10 watts using dipoles, HF verticals, a scanner discone, etc.

Even worked one station near St. Louis who was running 5 watts from an FT-817, with a whip antenna, sitting in his recliner in the living room!!

With conditions like that a yagi is just not needed.

Get something resonant up and enjoy the great summer conditions. Hope to see you in the log next weekend in the ARRL VHF contest.

73  
Paul K4FB  
EL97bx

-----

Date: Fri, 1 Jun 2001 09:37:46 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [99241] RE: QTH.NET a good ISP?  
Message-ID: <078F21595FA7D411B87B00805FA728E64A47EF@atlexc02ntms.hboc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

You can do a web search on "free internet service" and get one without paying... Just live with advertisements. I have done this for several years (7) till I recently got my DSL service.

Jerry  
W3CDE

On Thu, 31 May 2001, Don KCOGMF wrote:

> Because I wish to leave Juno I have been attracted to QTH.NET . Can  
> anyone with experience tell me how they like QTH.NET ? How is it for  
> e-mail, what about for surfing the web? Not only am I looking for a new  
> ISP, but I would like to be more supportive of QTH.NET because of all the  
> good he does for ham radio.  
>  
> Don KCOGMF  
> "CW, the Boot Camp of Amateur Radio"  
> DonKCOGMF@juno.com  
>

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 1 Jun 2001 09:45:12 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [99242] RE: RFC 6m Antennas  
Message-ID: <078F21595FA7D411B87B00805FA728E64A47F0@atlexc02ntms.hboc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Yesterday, I was using my HF6V vertical and worked anything I could hear!  
Up to Long Island NY and out to the mid west. I think a wet string would

work too with the great band conditions. I have worked into south America with my end fed Zepp pointing North too.

Jerry  
W3CDE  
Atlanta  
EM73xu

-----Original Message-----

From: Paul Womble [mailto:pwomble1@tampabay.rr.com]  
Sent: Friday, June 01, 2001 9:27 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: RFC 6m Antennas

We have had several days of six meter openings the last week. Last night was probably the best conditions I have seen on the 'magic band'. Worked LOTS of stations running 5-10 watts using dipoles, HF verticals, a scanner discone, etc.

Even worked one station near St. Louis who was running 5 watts from an FT-817, with a whip antenna, sitting in his recliner in the living room!!

With conditions like that a yagi is just not needed.

Get something resonant up and enjoy the great summer conditions. Hope to see you in the log next weekend in the ARRL VHF contest.

73  
Paul K4FB  
EL97bx

-----  
Date: Fri, 01 Jun 2001 10:27:34 EDT  
From: Shepherd@aol.com  
To: <qrp-1@lehigh.edu>  
Subject: [99243] Flying Pigs newsletter for June  
Message-ID: <be.1554884e.28490056@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hey gang!

The June issue of the Bacon Bits newsletter is hot off the press! Head over to the club page and download one before they are all sold. :-)

<http://www.mpna.com/fpqrp/news.html>

72, oo  
Dan, N8IE FPqrp #-6

-----  
Date: Fri, 01 Jun 2001 10:32:58 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [99244] MH101: First Rcvr and Xmit Mixer added  
Message-ID: <3B17A79A.C10E145E@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

MH101'ers

I've added the first rcvr and xmit mixer's to my radio. Pics and commentary are on my QSL.net site at:  
<http://www.qsl.net/kb1ens/sw30/sw30mh.html>

I've seen a couple of pics of what others are doing. I urge everyone to post pics so we can all get feel for the different ways this can be done. It's too bad we're not in a classroom somewhere and can actually see 'em, but this is the next best thing.

I didn't get any responses to my query yesterday about the pins on T1. Here is the question:

"The pins on T1 are ID'ed as follows; with the pins on the bottom and side with the part id stamp facing you, tip the top away from you so you are looking at the bottom of the can. Going clockwise from the top left the pins are 1,2,3 then straight down to the bottom (i.e. right side), 4 and 6 (on the bottom left). I have U1 pin 1 going to T1 pin 1, U1 pin 2 going to T1 pin 2, T1 pin 3 not connected, T1 pin 4 going to a pad which will eventually go to the RF gain and T1 pin 6 to ground and the two tabs on the side of T1 to ground."

"Does this sound correct?"

-- if you know, please post!!!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>

-----

Date: Fri, 1 Jun 2001 11:00:19 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: hfpack-owner@yahooogroups.com, QRP-L@lehigh.edu  
Subject: [99245] Six meters, 10m & 12m openings last night  
Message-ID: <20010601.110025.-336111.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gangs,

While waiting for the meds to kick in last night, and after having sacrificed some dead animal flesh on the grill, I noticed an increase in 6m activity. As in many signals & quite a few beacons were audible over a fairly long period of time (an hour or more some of 'em). Most of the Qs I heard were north to south, although the beacons were playing east to west into my simple dipole on the ceiling antenna.

So I tuned around on 12m and discovered that the conditions there were not bad at all. Not that I made any Qs, mind you. I was just listening and reading a comic book. And trying to remember when my next vet appointment is. Oh, and helping Cindy & Andy search for their passwords, a copy of Juno & maybe a couple other things that didn't have anything to do with Xemu, aliens in cow suits or antennas that look like Johnny Carson leisure suits.

And on 6m there was a guy in California trying very hard (and, last I heard, nominally succeeding) in working Spain long path. I mean, he'd have had to been long path, since I heard him loud & clear.

And me without a "real" 6m antenna yet . . . and no hopes of one in the near future, since vacation time is near at hand. Ah, the various portability stations I can dream up between house & destination! I better get this list of HFpack freqs laminated so I can put 'em in the pocket of my aluminum foil underwear.

73 ve selamat!

Nils

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes



<http://w8ijn.www6.50megs.com> -- W8IJN --  
<http://members.fortunecity.com/nilsbull>  
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!  
--- Comrade Nikolai Sergeevich McTovarishov

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 01 Jun 2001 10:58:31 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: pwomble1@tampabay.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [99246] Re: RFC 6m Antennas  
Message-ID: <3B17AD97.60F689B1@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Paul and Jerry,

There is no doubt that a wet string will radiate when the bands are open, even at 5 meters. And there is no doubt that a simple dipole will get you on the air. But if you want real antenna performance, they both pale in the shadow of a real directional antenna! Even one mounted in your attic!

73

-----  
Date: Fri, 01 Jun 2001 10:06:55 -0500  
From: "Ed Manuel (N5EM)" <n5em@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [99247] 6M is Alive!  
Message-ID: <4.3.2.7.2.20010601100622.00b812f0@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:27 AM 6/1/01 -0400, Paul wrote:  
Even worked one station near St. Louis who was running 5 watts from an FT-817, with a whip antenna, sitting in his recliner in the living room!!

Yahoo. True enough. Worked three grid-squares last night on 6 M. using my FT-817 running 5 watts into my MP-1, sitting on the tripod on the floor of the hamshack. One 8 station and two 9's from Houston. CW around 50.090 - 50.100. Jump on in, the water has never been better.

Ed, N5EM  
n5em@amsat.org

-----  
Date: Fri, 1 Jun 2001 11:37:33 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: "Ed Manuel (N5EM)" <n5em@flash.net>  
Cc: Chip Margelli <cmargelli@yaesuusa.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [99248] FT-817 on 6M...  
Message-ID: <Pine.OSF.4.21.0106011124300.7005-100000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The past few days we've seen references to this season's sporadic E activity and a lot of 6M action taking place in the evenings.

Last night I had to run an errand and finally got the chance to do a little 6M work from the FT-100 in my car. You see, ALL my antennas are down on the ground because my roof was replaced last week.

When I returned home, I was so motivated that I took the old 10' TV tripod and 10' mast section that had been on the roof as the center support of my dipole and decide to get back on the air. After dragging the tripod to the side of my house, I installed the 3em 6M beam and just pushed the whole shabang back into the air - pointing south. The beam was at 17 feet and W8KC was radio active once again!

After testing with the trusty FT-847, I connected the brand-new FT-817 and promptly worked a guy in Florida on CW at 50.095. It was too easy, so I switched to SSB and made a few more contacts. On guy I talked with was so impressed with the audio and signal quality of the the 817, he said he was going to order one in the morning!

This weekend I hope to have the rest of my antennas back up.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Fri, 01 Jun 2001 10:38:37 -0500  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-1@lehigh.edu  
Subject: [99249] Re: RFC 6m Antennas (in attics)  
Message-ID: <5.1.0.14.0.20010601101437.0206fec0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good morning Bruce,

A few 6M antenna questions if you please based upon your comments (following):

1. I'd like to hear more about the design and performance characteristics of the 6M beam that you have used in your attic.
2. Is the influence of an attic location on a 6M loop or halo more pronounced than on a 6M beam?
3. How did you go about tuning out the affect of insulation and large nearby objects in attic locations?

I have never operated 6M so am looking forward to learning a lot from you on this topic. I'm sure other QRP-List members will also appreciate the opportunity to review the same information from an experienced user.

Many thanks,

de Dave, NF0R      nf0r@slacc.com

At 08:47 AM 6/1/01 -0400, you wrote:

>Rod,

>

>With all due respect to the antenna gurus on here. If you want a 6 meter  
>beam, buy or build one and install it in your attic. There just ain't no  
>substitute for the directional qualities of a bean unless it's a quad.  
>There are dozens of good designs, including antennas that can be scaled  
>down. Several months ago there was an article in QST on building a 6  
>meter beam with PVC. An adequate antenna that would be very happy in your  
>attic.

>

>Loops and halos? I wouldn't. They mostly have no gain and are severely  
>influenced by the proximity of other objects. The beam will also be  
>influenced by attic insulation and things like large furnaces or water  
>heaters, but you can tune out most of those effect if you're careful.  
>Also, if you can arrange it, a 6 meter beam looks a lot like a TV antenna,  
>maybe you could have an outside TV antenna!  
>  
>73

-----  
Date: Fri, 1 Jun 2001 10:48:00 -0500  
From: George Franklin <w0av@juno.com>  
To: pwomble1@tampabay.rr.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [99250] Re: RFC 6m Antennas  
Message-ID: <20010601.104801.-11591.0.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm new on 6 meters and having lots of fun.

Incidentally, I'm getting good results with my HF Cushcraft R-7 vertical  
and Alpha-Delta twin sloper, neither of which is resonant on 6M.

The TS2000's automatic antenna tuner tunes both to less that 1.5 VSWR

I hope to get up a better antenna soon, but for the present these two  
antennas work OK.

73 de George/W0AV  
Hamming since 1935

-----  
Date: Fri, 1 Jun 2001 10:22:17 -0600  
From: "AB0CD" <ab0cd@uswest.net>  
To: "cqclist" <CQCLIST@EGROUPS.COM>, "QRP-L" <qrp-l@Lehigh.edu>  
Subject: [99251] CQC Aloha Field Day Site - Up in the air!  
Message-ID: <001d01c0eab7\$06ca2640\$a29ca0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Anyone in the Denver metro area:

We are looking for ideas ---

The Colorado QRP Club is scrambling in search of a viable Field Day site for the 2001 Aloha operations.

The Wide Spread Panic weekend concert at Red Rocks has decimated all area campsites and we lost our site for this year at Bear Creek Lake Park. (Although the state health department has just discovered an outbreak of the plague there, so perhaps there will be fewer concert-goers next year)

Cherry Creek and Chatfield state parks are filled to the brim with concert campers.

So, we are looking for a site. Any ideas would be appreciated.

The CQC Aloha FD site is our non-competitive site aimed at getting folks out to field day and on the air.

Direct any ideas to me at ab0cd@arrl.net or to Dave Cleveland KI0ND@arrl.net.

Thanks.

Dick AB0CD  
Colorado QRP Club..

-----  
Date: Fri, 1 Jun 2001 10:26:50 -0600  
From: "AB0CD" <ab0cd@uswest.net>  
To: "QRP-L" <qrp-l@Lehigh.edu>  
Subject: [99252] TS570 SOLD  
Message-ID: <003701c0eab7\$a9906060\$a29ca0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

TS 570 SOLD.

Still have IC706 (original) \$500 and an MFJ 9406 6 meter transceiver \$175 available.

72 Dick AB0CD..

-----  
Date: Fri, 01 Jun 2001 17:30:30  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [99253] WTCPT vs WES50  
Message-ID: <F87adMuBB2ZAWc2WGat00012897@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Sorry if this has already been discussed but I am curious which of these two is to be preferred. Is the WTCPT just a single temp station, ESD safe, etc.?

Ignoring the price (which doesn't seem much different) why would one want one over the other?

Thanx

Brad

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Fri, 1 Jun 2001 13:33:41 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>  
To: "'alihernlem@hotmail.com'" <alihernlem@hotmail.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [99254] RE: WTCPT vs WES50  
Message-ID: <078F21595FA7D411B87B00805FA728E64A47F2@atlexc02ntms.hboc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Brad,

The WTCPT temperature is controlled by the particular magnetic tip you have installed i.e. 600, 700 or 800 degrees and will hold that temperature due to the reserve in the heating element. I believe the temperature recovery time is ~ 2 seconds or less depending on the heat sink of the joint. I usually use a 700 degree tip.

I do not know what the recovery time is for the other station.

Jerry  
W3CDE

-----Original Message-----

From: Brad Hernlem [mailto:alihernlem@hotmail.com]  
Sent: Friday, June 01, 2001 1:31 PM  
To: Low Power Amateur Radio Discussion  
Subject: WTCPT vs WES50

Sorry if this has already been discussed but I am curious which of these two  
is to be preferred. Is the WTCPT just a single temp station, ESD safe, etc.?

Ignoring the price (which doesn't seem much different) why would one want  
one over the other?

Thanx

Brad

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Fri, 01 Jun 2001 12:38:26 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-l@Lehigh.EDU  
Subject: [99255] 6 Meter CW & Beacons  
Message-ID: <3.0.2.32.20010601123826.00814550@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP-L VHFers,

For all you folks getting on 6 meters and enjoying the presently great  
openings, don't forget to try CW too. Look for most of the CW operation  
from about 50.090 to 50.1. For QRPers, I'd suggest 50.096 as a calling place.

If DX is happening, look for CW and SSB in the DX window from 50.1 to  
50.125 centered on 50.110.

Beacons are found in the range from about 50.060 to 50.080. If you hear  
beacons from any particular direction, CW will be good in that direction  
too. Often you will hear the beacons before any SSB signals. Give it a try.

Please try not to use up all the good Es and other modes prior to the ARRL VHF Party over the weekend of June 9th and 10th. A good time to try out your 6 meter capabilities (and 2 m and 70 cm) too, BTW...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>  
[TMPS] Qs/131, States/40, DX /27, 3W to HF9V, Marsh Key, Codeboy Keyer

-----  
Date: Fri, 1 Jun 2001 13:49:44 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <alihernlem@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [99256] Re: WTCPT vs WES50  
Message-ID: <006301c0eac3\$41a49000\$6b01a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Ignoring the price (which doesn't seem much different) why would one  
> want one over the other?  
>  
> Brad

Well, I look at the WTCPT station as a 'production' station. It's not a variable temperature, but you can vary it. You can get all kinds of tips for it. But... It's a "set it up and forget it" kind of station. You set it up for what you want it to do, and it does it. It won't do something else unless you change it. It ALWAYS does what you want.

And it's very rugged.

That's it's advantage on a production line.

The WES50 on the other hand isn't less of an iron, it's just 'different'.

You can vary the temp, but that is something you SPECIFICALLY don't want to be able to do on a production line. It's more of an iron for a production rework bench.

But in 20 years that I've had the WTCPT iron, I've NEVER had a situation where I wished I could vary the temp.



EITHER ONE is a great iron, but there is still something about the WTCPT iron that makes it my favorite. Here at work, if I need a 'variable' iron, there's a WLC100 sitting on the bench that's always available, and I like that one too. But I won't 'give up' my WTCPT that I have at home for it. But I would like to supplement it...

Then again, spending ANYTHING more on an iron is foolish for me, as my WTCPT has been working fine since 1979, and will probably work just fine for ANOTHER 20 years...

Mike

-----  
Date: Fri, 01 Jun 2001 17:50:28  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: Jerry.Lofstead@itb.mckhboc.com  
Cc: qrp-1@lehigh.edu  
Subject: [99257] RE: WTCPT vs WES50  
Message-ID: <F2340k9nsvBXrW2DHZz00011324@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

OK, that explains a lot. I was wondering how the WTCPT worked.

I value the ability to get into tight spots with an iron and to be able to work with tiny parts. With that consideration in mind, is one or the other to be preferred.

I find that I don't frequently use different temp settings and when I really need a lot of heat I get out the big guns, anyway.

>Brad,

>

>The WTCPT temperature is controlled by the particular magnetic tip you have  
>installed i.e. 600, 700 or 800 degrees and will hold that temperature due  
>to  
>the reserve in the heating element. I believe the temperature recovery  
>time  
>is ~ 2 seconds or less depending on the heat sink of the joint. I usually  
>use a 700 degree tip.

>

>I do not know what the recovery time is for the other station.

>

>Jerry  
>W3CDE

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Fri, 1 Jun 2001 11:54:57 -0600  
From: "Bruce Kizerian" <kizerian@ced.utah.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [99258] Re: WTCPT vs WES50  
Message-ID: <050501c0eac3\$f996b620\$316b6e80@ced.utah.edu>

The WTCPT is an excellent and reliable station, BUT, even with the 800 degree tip, it does NOT produce enough heat to make a good connection to the ground plane on a Manhattan style board. You will need more heat to get good flow on a large area of bare copper. I use a variable heat station, both at work and at home, so I can crank up the temp when soldering to a groundplane is necessary.

Bruce kk7zz

-----  
Date: Fri, 1 Jun 2001 12:30:24 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: <kizerian@ced.utah.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [99259] Re: WTCPT vs WES50  
Message-ID: <0E55KFiEg9Ct3NGZYG600009ee7@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Bruce, et.al.

I have the WCC100 (and will keep it) that I use for MH const. Works FB. The WTCPT I ordered will be used for SM & other kit construction.

73, Rod N0RC  
Fort Collins, Co (AKA DN70)

----- Original Message -----  
From: "Bruce Kizerian" <kizerian@ced.utah.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, June 01, 2001 11:54 AM  
Subject: Re: WTCPT vs WES50

> The WTCPT is an excellent and reliable station, BUT, even with the  
800  
> degree tip, it does NOT produce enough heat to make a good  
connection to the  
> ground plane on a Manhattan style board. You will need more heat to  
get good

-----  
Date: Fri, 1 Jun 2001 11:44:09 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [99260] NorCal Meeting Question  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B77091@hq-expo2.filenet.com>

Sorry for the essentially local bandwidth on a national scale but I was wondering if anyone can recommend a place to stay in the Livermore area prior to the Livermore swap meet and the NorCal meeting that eventuates this Sunday?

..again, my apologies and thanks in advance.

Bill, K6WHP

-----  
Date: Fri, 1 Jun 2001 11:53:45 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [99261] LAT/LON web Site.  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B77093@hq-expo2.filenet.com>

Does anyone know of a good URL that'll give the latitude and longitude of cities or prominent landmarks/way points?

Thanks in advance..

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Fri, 1 Jun 2001 14:54:44 EDT  
From: K8ff@aol.com  
To: qrp-1@lehigh.edu  
Subject: [99262] Re:FS:K1  
Message-ID: <6c.b093567.28493ef4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The K1 has been sold! Thanks to all that replied.

73, K8FF

-----  
Date: Fri, 1 Jun 2001 13:01:21 -0600 (MDT)  
From: Brian Mileschosky <n5zgt@swcp.com>  
To: "Phinizy, William" <wphinizy@filenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [99263] Re: LAT/LON web Site.  
Message-ID: <Pine.GSO.4.10.10106011300100.8949-1000000@shimi.swcp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi W.H.,

I have a fair amount of good links to various lat/long databases  
one my Amateur website. Go to <http://www.swcp.com/~n5zgt/gps.htm>  
and you might find what you are looking for.

72,  
Brian, N5ZGT  
Albuquerque, NM

On Fri, 1 Jun 2001, Phinizy, William wrote:

> Does anyone know of a good URL that'll give the latitude and longitude of  
> cities or prominent landmarks/way points?  
>  
> Thanks in advance..  
>  
> W. H. Phinizy, K6WHP  
> Principal Engineer  
> FileNET Corporation  
>

>

-----  
Date: Fri, 1 Jun 2001 12:21:24 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: <wphinizy@filenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [99264] Re: LAT/LON web Site.  
Message-ID: <005f01c0ead0\$0cdf1ea0\$9110010a@fresno>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Try <http://www.mapblast.com>. You can enter an address or location and it will show that address or place on a map along with the latitude and longitude.

=====  
Bill Jones - <><  
Sanger, California

=====  
----- Original Message -----  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, June 01, 2001 11:53 AM  
Subject: LAT/LON web Site.

> Does anyone know of a good URL that'll give the latitude and longitude of  
> cities or prominent landmarks/way points?

>  
> Thanks in advance..  
>  
> W. H. Phinizy, K6WHP  
> Principal Engineer  
> FileNET Corporation  
>

-----  
Date: Fri, 01 Jun 2001 13:23:13 -0500  
From: David Heintzleman <pstrdave@kdsi.net>  
To: qrp-1@Lehigh.EDU  
Subject: [99265] FS: T Kit 1330  
Message-ID: <3B17DD91.933F0CA3@kdsi.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Have brand new, purchased in January, 2001, unassembled, unopened TenTec  
T Kit 1330 30 mtr transceiver - instructions, everything - shrinkwrap  
not opened yet. I'm not going to get to it for a long time.  
For sale, shipped, CONUS \$80

Dave Heintzleman  
K8BBM  
2602 Cedarberry Lane  
North Platte, NE 69101-5884

-----  
Date: Fri, 1 Jun 2001 15:28:05 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: <wphinizy@filenet.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [99266] Re: LAT/LON web Site.  
Message-ID: <028301c0ead0\$fe47f640\$6401a8c0@paulch>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Try this...

<http://www.mapsonus.com>

Type in a relatively close address, then click on the exact location on the  
map. LAT/LONG is then displayed.

-Paul

----- Original Message -----

From: "Phinizy, William" <wphinizy@filenet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, June 01, 2001 2:53 PM  
Subject: LAT/LON web Site.

> Does anyone know of a good URL that'll give the latitude and longitude of  
> cities or prominent landmarks/way points?  
>  
> Thanks in advance..  
>

> W. H. Phinizy, K6WHP  
> Principal Engineer  
> FileNET Corporation  
>

-----  
Date: Fri, 01 Jun 2001 15:34:01 -0400  
From: Radioham <radioham@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [99267] FS - THP HT-750 and Yaesu FT-470  
Message-ID: <5.0.2.1.0.20010601151426.00a493c0@netmail.home.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Two rigs for sale. First is a repost - deal fell through.

Yaesu FT-470 dual band (2 + 440) HT, with 2 year old FNB-12 12V 600MAH large capacity battery, MH-12A2B Speaker Mike, Anli dual band flexible antenna, FBA-17 AA battery pack (empty), NC-18B charger, soft pouch case and manual.

Full 5 watts out at high power, 2 watts at low power. Dual band monitor capability. Good physical condition, works very well - intermod fix done by Yaesu and new lithium backup battery installed 2 years ago.

\$200 with insured shipping in US.

The next item is perfect for Field Day -

Tokyo Hy-Power HT-750 7/21/50 MHz QRP SSB/CW Handheld HT  
Reviewed in QST (Oct '94, pp 60-63)  
Digital (LCD) readout, 3 watts out on 7 & 21 MHz, 2 watts on 50 MHz.  
Comes with:

1. Whip antenna and loading coils for 40, 16 and 6 meters (newly purchased)
1. THP Leather case
2. Alkaline batteries
3. THP Speaker Mike
4. Original instruction book

This rig, case and accessories are in excellent, almost new, condition. No wear at all and read out is crystal clear. Works very well when used with a real antenna, as opposed to the whip. You can get out with the whip, especially on 6 and if you use a counterpoise, but TX output is not great due to mismatch. With a long wire and antenna tuner, I have worked around the world on both SSB and CW. With a dipole you would have no problem at all.

This is a rare rig that is no longer in production and will probably never come back into production (though THP has made several promises).

\$600 with insured shipping in US. Willing to trade for a FT-817 or a K-1 with antenna tuner and cash or other items.

72/73,

Steve, N4EUK  
Reston, VA

-----  
Date: Fri, 01 Jun 2001 12:46:33 -0700  
From: Arthur G Silvers <ags@ieee.org>  
To: qrp-l@Lehigh.EDU  
Subject: [99268] Re: WTCPT vs WES50  
Message-ID: <3B17F119.38CCCF5C@ieee.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That' an interesting observation.

I built the Manhattan style 2N2/40 completely with the standard 700 degree screwdriver tip on my WTCPT. Never a problem soldering to the copper ground plane. Used the thin 60/38/2 solder.

Built lot's of kits with the WTCPT as well. It's a very reliable iron that gets the job done.

Arth W6AGS

-----  
Date: Fri, 01 Jun 2001 14:30:19 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, davew91ya@juno.com  
Subject: [99269] Contest: QRPDUPE New Version Released  
Message-ID: <3B18096B.9C7552A6@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit



Gangue:

I have just uploaded version 4.2 of the free QRPDUPE program, dated 6-1-2001. This version includes the IARU contest. Although the contest is over a month away, I wanted to get this version out ASAP as I will be doing a bit of traveling on and off over the next few weeks. In addition, the scoring in this contest is among the most complex of all contests, and I wanted to give everyone a chance to test the program just in case I may have missed something in the scoring sequences.

I would appreciate if anyone, who plans to use this program for the IARU contest, would do some testing and see if they can find any glitches in the scoring section.

Brian K7RE

-----  
Date: Fri, 1 Jun 2001 17:39:23 -0400  
From: "K3NG" <k3ng@fast.net>  
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [99270] OT Re: QTH.NET a good ISP?  
Message-ID: <00a601c0eae3\$5362e600\$112ae518@itg1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Qsl.net and Qth.net are both run by K3TKJ, and it is national ISP service.

Qsl.net resells PSINet service. I can't say if the service is good or bad, but PSINet just filed for bankruptcy. But, PSINet won't shut down tomorrow and someone will undoubtedly buy their infrastructure....

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, June 01, 2001 07:52  
Subject: Re: QTH.NET a good ISP?

>

> Don't you mean qsl.net? And your ISP must have a local telephone number to  
> be usefull. Look in the phone book for your town and see who advertises  
> internet service. Or choose a national one like MSN.

>

>

> On Thu, 31 May 2001, Don KCOGMF wrote:  
>  
> > Because I wish to leave Juno I have been attracted to QTH.NET . Can  
> > anyone with experience tell me how they like QTH.NET ? How is it for  
> > e-mail, what about for surfing the web? Not only am I looking for a new  
> > ISP, but I would like to be more supportive of QTH.NET because of all  
the  
> > good he does for ham radio.  
> >  
> > Don KCOGMF  
> > "CW, the Boot Camp of Amateur Radio"  
> > DonKCOGMF@juno.com  
> >  
>  
> --  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>  
>

-----  
Date: Fri, 01 Jun 2001 15:41:38 -0600  
From: Andrew Madsen <andrew@utahdesign.com>  
To: qrp-l@Lehigh.EDU  
Subject: [99271] Re: WTCPT vs WES50  
Message-ID: <3B180C12.703642A6@utahdesign.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have to disagree with the statement Bruce made. I have a WTCPT, with a fine point 700 degree tip in it, and I have never had a problem making ground connections on a manhattan or ugly style board. I'm not sure why Bruce has had a problem doing that. Maybe he is using heavier copper clad board than I am. I think the stuff I have is 1 oz, but I don't really know. Also, I use 2% silver solder which has a higher melting point than regular 63/37 or 60/40 solder. I have only had experience with one soldering station other than the WTCPT, and I didn't like it at all, but I think most of that was because it had a huge tip, and I was soldering small SMT parts.

73,  
Andrew AC7CF

>BUT, even with the 800

>degree tip, it does NOT produce enough heat to make a good connection to the  
>ground plane on a Manhattan style board.

--

73,  
Andrew R. Madsen AC7CF  
ac7cf@youngradioamateurs.com  
<http://www.youngradioamateurs.com/>  
League of Young Radio Amateurs  
Utah Section Manager  
Electronics Committee Chairman  
CW/QRP Committee Co-Chairman

-----  
Date: Fri, 1 Jun 2001 17:48:33 -0400  
From: <brownh@hartford-hwp.com>  
To: myetsko@insydesw.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [99272] Re: WTCPT vs WES50  
Message-ID: <200106012148.f51LmXm13940@hartford-hwp.com>

I was told (by Digikey?) that the WES50 was a substitute and replacement for the WTCPT. Mike shows that is not the case, and that the irons are quite different.

I use the WES50 and am happy with it. In terms of externals, it appears much the same as the WTCPT.

But I, for one, often change tip temperature, and so I'm glad that it can be done. When I make toroids I need to burn the enamel off the wire leads. My usual soldering temperature, about 650-700 degrees, according to the WES50 dial, is too cool for that. I crank it up to about 850 degrees and it goes much better. I also sometimes want to reduce heat to a component and solder more quickly, and so I crank the temperature up a bit. So actually I often fiddle with the temperature and am glad I don't have to cool the iron and change tips to do that.

It seems that the temperature change for the WES50 is very fast - just seconds. Can't compare that performance with the WTCPT, however. It's not as fast as the old Weller solder guns with the trigger that came to temperature in perhaps 3-4 seconds, but a lot faster than the old 400 watt straight irons of the 1950s.

--

Haines Brown  
brownh@hartford-hwp.com  
www.hartford-hwp.com  
KB1GRM

-----

End of QRP-L Digest 2207

\*\*\*\*\*

-----